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## Talga reports impressive concrete strength test results using its graphene

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Australia-based technology minerals company, [Talga Resources](#), recently announced impressive initial concrete prototype strength results from trials undertaken at the commercial concrete/cement laboratory of Betotech Baustofflabor in Germany.



Graphene and graphite enhanced cement and concrete are key priority product targets for Talga. Concrete test prototypes were formulated with Talga graphene and graphite additives combined with a European industry cement and aggregate mixture. Results from the trial showed significant increases, about 26% in flexural strength and 14% in compressive strength, using Talga materials over reference concrete at 28 days cure time.

Further optimization of the formulation is planned along with a larger range of performance tests including abrasion, shrinkage and permeability, among other tests. Electrical conductivity tests are also underway. Talga will continue to progress its product and commercialization strategy in the construction sector using these prototype test results as the catalyst to initiate joint development programs with global suppliers.

Source: [talgaresources](#)



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Posted: May 21, 2017 by [Roni Peleg](#)